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physical logical redundant broadband commun Advanced Scholar SearchScholar Articles and patents  - 2002 include citations 

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Control and management in next-generation networks: challenges and opportunities

AR Mousavinezhad, Communications Magazine, IEEE, 2002 - ieeeexplore.ieee.org
 ... ccessing, communication protocol design, concur-rency control, failure strategy, platform redundancy and reliability ... much more functionality to satisfy the requirements of next-generation broadband data-centric ... Figure 3 shows both the logical and the implementation views of ...

Cited by 53 - Related articles - Bib. Cited - All 3 versions

Multiprotocol adaptor for communication between CEBus devices and remote controllers over an ATM-based broadband access network

M. Mekhora ... - US Patent 5,468,773, 1996 - Google Patents
 ... HFC MAC HFC 10 BASET PHYSICAL LAYER 10 BASET PHYSICAL LAYER HFC ... CEBUS DEVICES AND REMOTE CONTROLLERS OVER AN ATM-BASED BROADBAND ACCESS NETWORK ... 16, 1997, pending, and entitled "CEBus Data Link Layer Proxy," which is fully ...

Cited by 27 - Related articles - All 4 versions

Method and system for integration of several physical media for data communications between two computing systems in a manner transparent to layer

JFP Fernández, C Zamora, FMG Gómez ... - US Patent ... - 2002 - Google Patents
 ... ions which may be split through diverse communication links to increase the available bandwidth and/or the transmission redundancy ... that integrates several communication paths for data transmission and switches the data to the desired physical and logical path in a ...

Cited by 27 - Related articles - All 2 versions

THESEUS terminal-access to broadband networks for European stock exchanges

H Chourabi, H Piron, S Sun ... - Electronics & ... - 2002 - ieeeexplore.ieee.org
 ... It is a standard transport mechanism for broadband communications which has been adopted by ... The PAC (Central Access Point, in French) is the communication protocol used by the Paris ...

The WAN physical connection varies from terrestrial leased lines to satellite channels. ...
Cited by 11 - Related articles - All 2 versions

Communication system, architecture, apparatus and management and signalling method therein

CC Hayball ... - US Patent 5,56,827, 2001 - Google Patents
 ... physically separate but equivalent functional entities (in addition to built-in redundancy provisions), system ... The MSP EM 46 manages the MSP platform and its physical interfaces whilst operational data ... A logical exchange 50 can therefore be formed from all of the above. ...

Cited by 11 - Related articles - All 2 versions

Use of active topology protocols, including the spanning tree, for resilient redundant connection of an edge device

MJ Seaman ... - US Patent App. 60/798,942, 2001 - Google Patents
 ... 25, and "enter-prise" 2 66 and enterprise 3 67, are coupled to the secure MAN 60 by appropriate physical and logical interfaces ... between the customer networks or devices, and the secure MAN support security processes for the MAN, and include redundant connections to ...

MA, 2005, 2006

The management paradigm shift: Challenges from element management to service management

SE Herli, VB Lawrence ... - Bell Labs Technical Journal, 2000 - Wiley Online Library
 ... The management paradigm shift is a logical consequence of the evolution of any physical implementation ... At the lower layers, activities affect physical resources; at the higher layers, they affect relatively abstract entities ... The necessary fault tolerance and redundancy shall be provided ...

Cited by 14 - Related articles - Bib. Cited - All 4 versions

Method and apparatus using distributed intelligence for applying real time pricing and time of use rates in wide area network including a headend and subscriber

GA Davis ... - US Patent 6,197,339, 2001 - Google Patents
 ... The gateway 40 has one WAN interface 40 corresponding to the WAN (eg. broadband, LEO, RF, etc.) from which it communicates with the headend ... Thus, another complete physical and logical WAN interface can be implemented without the need to change any other ...

Cited by 31 - Related articles - All 2 versions

Point-to-multipoint virtual circuits for metropolitan area networks

M1 Bramen, V Jain, G Jarekewski ... - US Patent App. 09/ ... - 2001 - Google Patents
 ... ring equipment is provided so that a link can comprise logical segments, each ... received by WDM (wavelength division multiplexing) equipment attached to the physical fiber segment ... The IEEE 802.3 Spanning Tree provides for redundant connections within a network, where ...

All 2 versions

[BOOK] Integrated management of networked systems: concepts, architectures, and their operational application

HG Hegering, S Abeck ... - 1999 - books.google.com
 ... Network development - Fast networks are a prerequisite for highly transparent link networks between the individual dedicated components of a distributed cooperative supply structure. The development of transmission techniques, including protocol hierarchies and coupling

Cited by 198 - Related articles - Advanced Search - All 2 editions

Method and apparatus for communicating information between a headend and subscriber over a wide area network

QA Al-Saleem ... - US Patent 5,496,362, 1996 - Google Patents
 ... Thus, another complete physical and logical WAN delivers ... mode, BBMAC 25 talkAddrFactory is always transmitted and allows BBMAC checks for transport cell integrity by performing cyclic 25 to verify that the gateway talkAddrFactory and talkAddr redundancy checking on ...

Cited by 52 - Related articles - All 2 versions

A little inaccuracy sometimes saves tons of explanation HH Munro [Saki]

J P. Lai - F. Rebe - ... 1995 - Wiley Online Library

... Differing applications achieve this, and they include processor duplication and **redundant** media systems ... G.703 The CCITT standard for the **physical** and **logical** transmissions over a digital ... IEEE 802.5 a later **physical** LAN standard that uses the token passing access method on ...

[Cited by 5](#) - [Related articles](#) - [Library Search](#) - [All 5 versions](#)

Current status and future directions of software architectures for telecommunications

A Patel - Computer Communications, 2002 - Elsevier

... Unfortunately, this **redundancy** comes at the price of increased complexity ... of a protocol stack, for instance the use of the Common Management Information Protocol (CMIP) at the application layer, and of an object-oriented view of the **physical** and **logical** resources in the ...

[Cited by 7](#) - [Related articles](#) - [Library Search](#) - [All 3 versions](#)

Expression and management of QoS in multimedia communication systems

V. S. Vavikar - Journal of Network and Computer Applications, 2002 - Elsevier

... two main categories of mul... timedia applications to use on the future **broadband** ISDN networks ... should offer the possibility of providing **physical** paths for the group communication, which is ... if this service is suitable for ATM networks, because it may introduce **redundant** functions ...

[Cited by 12](#) - [Related articles](#) - [Library Search](#) - [All 2 versions](#)

A survey of communication protocol testing

R. Lai - Journal of Systems and Software, 2002 - Elsevier

... doi:10.1016/S0164-1212(01)00132-7 How to Cite or Link Using DOI Copyright © 2001 Elsevier ... This paper presents a literature survey of communication protocol testing ... However, the sequence generated may contain many **redundant** inputs which in turn generate loops in the ...

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[PDF] from nsu.edu

[PDF] Intelligent agents in network management, a state-of-the-art

MM Charkiewicz, P Comi - Networking and Information ..., 1998 - Citeseer

... In addition to proper **redundant** design, network management has an indispensable role to play in ensuring high availability of its resources ... about the **logical** structure of the VPN and its usage, while the provider agent knows both the **logical** and **physical** implementation of ...

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[PDF] from cmu.edu

[PDF] Managing Virtual Circuit and Virtual Path Services on ATM Networks with Quality of Service Guarantees

N. Anechiae - 1996 - Citeseer

... these networks will support. Future integrated networks will contain a very large number of **physical** and **logical** entities, services, and users to be managed and controlled. The fixed ... suffice in future **broadband** networks, the main limitation stemming from the complex in ...

[Cited by 11](#) - [Related articles](#) - [View in HTML](#) - [Library Search](#) - [All 5 versions](#)

Automatic power outage notification via CEBus Interface

Z Ahmed, SM Feng, N Kumar - US Patent 5,058,555, 2001 - Google Patents

... 12+135 1150 10 BASET PHYSICAL LAYER ATM PVC CDS LINE T1 PMD HFC MAC HFC ... of a plurality of CEBus residential networks across a non-CEBus ATM-based broadband access network ... 3 is a diagram of the **logical** view of a communica... tion path between a UHMN ...

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Modular RF communication module for automated home and vehicle systems

G Hou - US Patent 6,374,279, 2002 - Google Patents

... Still others use move... ment and/or audio detectors or **physical** circuits, which when broken ... In another aspect of the present invention, a method for minimizing **redundancy** between distributed RF... , 8 is a process flow diagram illustrating **logical** steps for configuring a new sensor ...

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[PDF] from iee.iee.ac.be

[PDF] Data networks integration

J De Praetere, P Mancuso - BRITISH ..., 1996 - uitg.ac.be

... QoS support, enhanced multicast, MPOA support, LANE NNI (LNNI), multiple and **redundant** server elements ... The network establishes calls over virtual circuits, which are **logical** connections between the ... X.25 can support multiple virtual circuits over a single **physical** circuit, thus ...

[View in HTML](#) - [Libary Search](#) - [All 3 versions](#)

The application of intelligent T1 multiplexers in hybrid and ISDN networks

J. Meissel - ... technology ..., 1996 - citeseer.ist.ac.at

... The customer-premises equipment normally has extensive **redundancy** features that permit it to utilize the SS7 message transfer part protocol to transport logical circuit association ... 8. HYBRID NETWORKS BASED ON BISDN Future Broadband ISDN (BISDN) technology [6] ...

[BOOK] Quality-of-service issues in networking environments

B Stiller - 1995 - Citeseer

... to overcome drawbacks of traditional communication architectures, such as **redundant** protocol func... access and maintenance methods, is the ATM-based B-ISDN (**Broadband** Integrated Services ... They are used within a **communication protocol** and do ne certain internal details ...

[Cited by 3](#) - [Related articles](#) - [View in HTML](#) - [Library Search](#) - [All 3 versions](#)

[PDF] from psu.edu

[CITATION] An introduction to broadband networks: LANs, MANs, ATM, B-ISDN, and optical networks for integrated multimedia telecommunications

AS Acuareca - 1994 - Springer

[Cited by 21](#) - [Related articles](#) - [Library Search](#) - [All 5 versions](#)

Systems and methods for multiple voice data communication which includes interface cards including configurable clocks that are dynamically coupled to a TDS bus

SK Patow - US Patent 6,298,540, 2001 - Google Patents

... 352, 445, 370/438, 451, 458, 442, 401, 402, 498, 401, 463, 489 (56) References Cited US PATENT DOCUMENTS 5,195,086 3/1993 Baumgartner et al 370/264 (List continued on next page.) OTHER PUBLICATIONS Black, ATM Foundation for **Broadband** Networks, pp ...

[Cited by 22](#) - [Related articles](#) - [View in HTML](#) - [Library Search](#) - [All 5 versions](#)

[PDF] from jisc.ac.uk

Local Area Networks With Fiber Optics

G Edwards - ... 1989 - oai:dspace.org

... onto the network. e. Session Layer The session layer provides the following services: " Establish, manage and terminate connection between cooperating applications ... DATA LINK LOGICAL LINK

... in the ATM cell header CPU Central Processing Unit CRC Cyclic Redundancy Check — a ... that specifies peer-to-peer communications and packet formats on a logical subnetwork LRS ... It requires separate keys for each physical link between network nodes (ie protocol processor ...

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[BOOK] Data and computer communications: networking and internetworking

Götz Huwe ... - 2001 - books.google.com

... 199.5.8 Typical broadband LAN configuration 200 5.8.1 Components of broadband LANs 200 ... interconnection reference model (OSI-RM) and LAN standards 248 7.2.2.1 Physical layer 249 ... 8.1.1 IEEE 802.1 high-level interface (HLI) 301 8.1.2 IEEE 802.2 logical link control (LLC) ...

[Cited by 14 - Related articles](#) · [Library Search](#) · [All 3 versions](#)

Communication server apparatus and method

JF McNamee R+LOCLEAR... - US Patent App. 09/005,504, 1998 - Google Patents

... NON-DEDICATED DATA LINE / START LOAD ACTIVITY TABLE OF VALID SUBSCRIBERS SELECT FIRST ACTIVE NON-DEDICATED DATA LINE RETRIEVE TIMEOUT STATUS FROM DETECTOR YES COMMUNICATE STATUS OR CONNECTION INFORMATION TO ...

[Cited by 1 - Related articles](#) · [Library Search](#) · [All 3 versions](#)

Counterfeiter STB prevention through protocol switching

KH Mehta ... - US Patent App. 04/992,016, 2007 - Google Patents

... understood that other embodiments may be utilized and that structural, logical, and electrical ... order to prevent counterfeiter STBs using an earlier communication protocol from deciphering ... 2003 one embodiment the authenticity checker performs a cyclic redundancy check (CRC) ...

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[PDF] MULTIAGENT SYSTEMS

Y-H Hu ... - 2003 - Google

... Focusing attention on the logical level will aid this push and also provide the mechanism for ... is acknowledged by its adoption into the FIPA (Foundation for Intelligent Physical Agents) specifications ... Of course this technique may lead to redundancy and mean that control may be ... [zugelassene Nutzer - View as HTML](#)

[PDF] from psu.edu

[BOOK] Network communications technology

A Elam ... - 2001 - books.google.com

... Gigabit Ethernet 182 13.3 Gigabit Ethernet Protocol Architecture 182 13.4 MAC and Physical Layer Architecture ... Ring topology The disadvantages of ring topology are as follows: • If a link or ... CHAPTER 1 Bus Topology A bus network is a multi-point connection in which stations ...

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[BOOK] Telecom operations management solutions with NetExpert

K Tropman ... - 1998 - books.google.com

... The North Carolina Information Highway 299 Part V Management of Broadband Services 321 19 Telco Mass-Market Broadband Solutions 323 20 ... service > service provisioning refers to a chain of activities based on service orders until all physical and logical resources are ...

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Systems and methods for multiple mode voice and data communications using intelligently bridged TDM and packet busses and methods for performing telephony and ...

GE Pounds CA Trees ... - US Patent 8,400,711, 2013 - Google Patents

... 112/1995 12/1995 7/1996 7/1996 8/1996 Boaz et al 709/206 Penzias 379/67 379/88 DeJager et al 370/352 Pinard et al 379/201 370/376 Boal et al 370/395 (List continued on next page) OTHER PUBLICATIONS Black, ATM Foundation For Broadband Networks, pp ...

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[PDF] Peer-to-peer computing

Ds Milijaš, V Kalogeraki, P Lukose, K Nagarajan ... - 2002 - Citeseer

... discon-necter operation AOL Chat, Groove parasitic NW new NWs: wireless, broadband improved communication ... where members come and go based perhaps on their current physical location or ... rely on es-tablished infrastructure — they build their own, eg, logical overlay in ...

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[BOOK] 802.11 demystified

JIN Zhang ... - 2002 - books.google.com

... P. Dabestani - 2002 - books.google.com metal oxide semiconductor CRC—cyclic redundancy code CS — (number of cycles per second) LAN—Local area network LLC—Logical Link Control LMDS ... Memory Card International Arisco PDU—Protocol data unit PHY—Physical (layer) PIIS ...

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CG Starnes, F Quigley ... - 2002 - books.google.com

... He currently provides strategic direction and architectural design to Lucent Service Provider and Large Enterprise cus-tomers ... a High-Level Topology 173 Creating a Collocation Architecture 174 Defining the High-Level Services 174 Creating a High-Level Physical Design 175 ...

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[PDF] from sitemp.eu.nl

Energy-efficient wireless communication

PJM Hwang ... - 2006 - books.google.nl

... Data link protocols are usually divided into two main functional components: the Logical Link Control (LLC) and the Medium Access Control (MAC), that are responsible for providing a point-to-point packet transfer service ... At the radio physical level redundancy for detecting ...

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System and method for measuring and enhancing the quality of voice communication over packet-based networks

GA Attarne - US Patent App. 10/005,495, 2001 - Google Patents

... A user can select a service provider, but not a particular packet routing path ... application software, developed in the C program-ming language, provides the logical control for ... communication in a packet-based network and for analyzing adherence to a communication protocol ...

[Cited by 12 - Related articles](#)

[CITATION] A Wireless-LAN Configuration and Access Control Utility

F Åstrandsson, P Lyberg, J Grönbech, M Sandell... - 2002

[Related articles - All 2 versions](#)**System and method for providing interactivity for end-users over digital broadcast channels**

E. Boatz ... - US Patent App. 10/2005938A1 (19) United States (12) Patent Application Publication
 (10) Pub. No.: US 20020059638 A1 Orz et al. (43) Pub. Date: May 16, 2002 (54)
 SYSTEM AND METHOD FOR PROVIDING INTERACTIVITY ...
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Systems and methods for multiple mode voice and data communications using intelligently bridged TDM and packet busses and methods for performing telephony and ...

E. Weitz ... - US Patent 5,445,842 (20) - Google Patents
 ... 1993 Baumgartner et al. 7/1994 Boatz et al 370/264 709/206 (List continued on next page.) OTHER PUBLICATIONS Black, AT&T Foundation For Broadband Networks, pp: 137-152, 170-173, Stalling, William, SNMP, SNMPv2 ...
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[BOOK] Metropolitan area networks

MNO Saitoku - 1994 - books.google.com
 ... The first type is a **broadband** nonsynchronous service over a metropolitan area. ... **Logical Link Control** Media Access Control and **Physical Layer** Data Link Layer **Physical Layer** MAN Protocols OSI Protocols ... MAC 2 MAC 1-4MAC 2 Physical 1 Physical 1 Physical 2 Physical 2 ...
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[PDF] Software agents in communications network management: An overview

ALG. Heyzelius ... - Communications Engineering Review, Department of Electrical Engineering ...
 ... The introduction of **broadband** technologies and the expertise realised from the computing industry ... Focusing attention on the logical level will aid this push and also provide ... is acknowledged by its adoption into the FIPA (Foundation for Intelligent Physical Agents) specifications ...
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[\[PDF\] from psu.edu](#)**Software Agents**

ALG. Heyzelius, J. Brigham, ... - Software agents for ..., 1999 - books.google.com
 ... Focusing attention on the **logical** level will aid this push and also provide the mechanism ... have severe impacts on the efficiency of the bandwidth utilization of the **physical** communications system. ... highly dynamic real-time environments at least part of the plan is **redundant** by the ...
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Distributed multimedia systems

VOK L... - Proceedings of the IEEE, 2002 - ieeexplore.ieee.org
 ... enhance the existing CD-ROM-based multimedia applications but also encourage newly emerging broad-band applications at the ... also known as data compression, reduces the size by throwing away the spatial redundancy within the ... the physical viewing area of the monitor. ...
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[\[PDF\] from psu.edu](#)**[BOOK] Integrated computer network systems**

F. Weir - 1992 - books.google.com
 ... 7.4.2.1 Station Configuration 193 7.4.2.2 Slot Time 193 7.4.2.3 Logical Ring Establishment ... 196 7.4.2.6 Synchronous Data Transmission Value 197 7.4.3 IEEE 802.4 Broadband Implementation 197 ... 203 7.5.2 IEEE 802.3 MAC/Physical Layer Implementations 201 7.6 CCITT X.25 ...
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[BOOK] Glosarium teknologi informasi

T. Dutno ... - 2002 - books.google.com
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[Library Search](#)

Method and system for determining filter gain and automatic gain control

VS Nayak - US Patent App. 10/161,515, 2002 - Google Patents
 ... are many implementations of the basic scheme, differing in the **communication protocol** used and ... to Global System for Mobile communications (GSM) basestations, to broadband integrated access ... and the perception of on/off transmission rather than a continuous connection. ...
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Method and system for implementing a gaussian white noise generator for real time speech synthesis applications

M. Redman ... - US Patent App. 10/161,621, 2002 - Google Patents
 ... are many implementations of the basic scheme, differing in the **communication protocol** used and ... to Global System for Mobile communications (GSM) basestations, to broadband integrated access ... and the perception of on/off transmission rather than a continuous connection. ...
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[PDF] [B]

E. Boatz ... - 1999 - alexandra.tue.nl
 ... appendix E) which is used to develop the MMS interface2 At the **physical** layer and ... Within the IEEE **broadband** frequency spectrum, these frequency ranges use two 6 MHz cable ... software is downloaded into the controllers' RAMs and takes care of the **Logical Link Control** (LLC ...
[View at HTML](#)

[\[PDF\] from tue.nl](#)**[PDF] Deliverable 2.1**

JY Cristaldi, M. Becker, ... - 1999 - Citeseer
 ... **Broadband** Integrated Satellite Network Traffic Evaluations ... In **physical** topology, it is very similar to 10 Base-T. However, with the use of optic cables, it is possible to ... All hubs in the same stack become part of one **logical** repeater, and the stack is counted as only one Class I or ...
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M. Geretti - 2009 - books.google.com
 ... 324 9.5.2 **Broadband** Network Reference Implementation of PIN 324 9.5.3 Distributed Network ... 4-4: **Communicating Proxies** Architecture 117 Figure 4-4: Multiple Machines Sharing Single **Link** 118 Figure ... Composed of Three Gates and One Core 136 Figure 5-6: **Logical** View of ...

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... Having a local and independent **service provider** at each domain guarantees locally the continuity of service. ... The trading mechanism allows advertising of available services, service providers, and their interface properties, and supports retrieval of **service provider** information. ...

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... LAN Local Area Network LCSE Logical Channel Signaling Entity ... RTP Real-Time Transport Protocol SCCP Signaling Connection Control Part ... details of the infrastructure, ie. the exchanged messages, **communication protocol**, operating system, or hardware [Mitra1996]. ...

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... He currently provides strategic direction and architectural design to Lucent Service Provider and Large Enterprise cus-tomers ... a High-Level Topology 173 Creating a Colocation Architecture 174 Defining the High-Level Services 174 Creating a High-Level Physical Design 175 ...

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... **Service Provider** Workforce Network Management ... Recently, management platform features have been extended to support a standard Application Program Interface (for example X/Open XOM&XMP API) and provide automatic **connection** management and location ...

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... 4 is devoted to analyze and suggest possible **path recovery** strategies that can be used to enhance network reliability and resilience; it focuses on the problem of **logical path** recovery and ... A back-up **path** may also be required, giving rise to two separate classes (3a and 3b). ... [Link](#) ...

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... 29, 2004 Sheet 8 of 13 US 2004/0083479 A1 Client Side Server Side 601 Client connects to V the server J 603 Client sends a request 605 Client processes the response 607 Client disconnects from the server 602 Server accepts client **connection** Server processes the request ...

[All 2 versions](#)**Digital production services architecture**[TA Abramov - US Patent App. 10/038,579 - 2002 - Google Patents](#)

... layer. For example, functions and/or methods in an exemplary architecture optionally overlap between layers to provide a greater degree of flexibility and **redundancy** from both an implementation and operation perspective. ...

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... Further developments in HomeRF technology will enable a whole new class of applications, including cordless security and data interaction, streaming music and video, and **broadband** wireless Internet ... AnyPoint connects PCs and laptops on a **physical** and **logical** level. ...

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... All are closed loop; that is, there is a clear path for feeding back ... **Communication protocol** ODA G.3, G.4 CGM ODA extension (H.261) ... At the bottom of the stack one can find the Network Level, which represents the communications infrastructure of a **broadband** network. ...

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... 10Broad36 - 10 Mbps **Broadband** 36 MHz. ... Name Cabling Maximum segment distance 10Base2 thin coaxial 10Base5 thick coaxial 10BaseF fiber cable 2000 m 10BaseB 10BaseFL fiber cable fiber cable 2000 m + extra segments 2000 m + link 10BaseFP fiber cable 500 m ...

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... The TS was divided into 12 aspects including Service Aspects, Network Aspects, **Physical Layer** in the radio **Path**, Audio Aspects etc., Terminal Equipment/Mobile Station (TE/MS) and cover only the lower three layers of the OSI model i.e. the **Physical** layer, the **Link** layer and ...

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[BOOK] Management of multimedia on the internet: 5th IFIP/IEEE International Conference on Management of Multimedia Networks and Services, MMNS 2002, Santa ...
KC Aberleitner... - 2002 - books.google.com

... 3.1 Link Emulator The testbed that we implement uses the wired Ethernet LAN in the lab, as the physical communication medium, ... point link sub hitler Link type sub TLV Local interface IP a:Inet sub TLV Ia:Inet bandwidth sub TLV TLV delay sub TLV ... path that a connection uses. ...
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Digital production services architecture

AA Trusino Jr. - US Patent App. 20 03/02 - 2002 - brevetatentionline.org

... [0057] Logical connections shown ... the SIA layer 420, and/or other layers, are optionally exposed on a network through a communication protocol, described with ... According to this example, failover to original VAM/VTR copy is automatic via redundant locator data if SAN or DAM ...
Original copy

[CITATION] Cisco AVVID and IP telephony: design & implementation

R Porten, M. Wathieu, S. Thrunhoff... - 2002 - Syngress Media Inc
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Open Source Tools: Applications and Implications

MO Shul... - 2000 - cat.nist.gov

... Spoofing also involves trying to hijack a session from another legitimate connection. TCP uses the Sequence Number to keep track of an open communication session. ... The solution is for the source Internet Service Provider (ISP) stop fake packets from leaving its site. ...
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E Jansen... - 2002 - books.google.com

... and are always there for me, and God, for guiding me down this path and giving me ... you've got the NetLingo.com Web site, which gives you a direct link to resources like ... In computer programming, "&" represents a "logical and" and two ampersands are used in the programming ...
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System Resource Management for Distributed Real-Time Systems.

MD Davis, EL Klassen, LC Schreier, AIF Downing... - 1995 - citeseer.nj.nec.com

... objects (eg. the correlation or weapon assignment objects of a C2 application); and the admission control and resource allocation decisions for connection-oriented applications ... In addition to providing control over a resource, the logical and physical resource management ...
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... discon-nected operation AOL Chat, Groove parasitic NW new NWs: wireless, broadband improved communication ... where members come and go based perhaps on their current physical location or ... rely on es-tablished infrastructure - they build their own, eg. logical overlay in ...
Research papers

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FPM Beldicek, P. J. Srisuresh, I. E. G. Telatar... - 1999 - doc-feeding-id

... typically by focusing on what systems should do rather than on their physical constitution or ... or redundant functionality is included that would distract the user and forcing redundant knowledge and ... A function is a logical grouping of behaviour, with well-defined input and output ...
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... for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the ... system, it is likely that more than one data transfer traverses a link at a ... Most applications use TCP as a communication protocol, and a Grid file transfer should not ...
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... immediate problem: The requirement for broadband access (defined here to be two to ten megabits per ... many layers of the OSI reference model as defined below. • physical layer (L1) - the flexibility of wireless, both radio frequency (RF) and ... there is only one logical LES. ...
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EA Hrabec, K Venkateswaran... - US Patent App. 10/..., 2002 - Google Patents

... Unlike a small local network environment, for example, as may be used by an Internet Service Provider (ISP), which may include less than 100 interconnected computers systems to perform

the tasks required by the ISP, the present invention preferably utilizes a multitude of ...

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► Menetru - 1992 - Caesar
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... prime example. A computing machine is an approximation of a model that per se has no link to the natural world. It ... science [See&99]. Further complicating the picture is the obvious link to engineering and engineering methodology. When ...

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H Van Vliet - 2001 - doc.novay.ru
... are based on analogue signal transmission, making it more or less a 'redundant' technology in ... the digital signal more data can be transmitted through a certain physical transmission medium ... On receiving the digital broadband signal first a single signal is isolated from the stream ...

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